

ABSTRACT

A neuroprotective composition for protecting neuronal cells against oxidative
5 stress and methods for using and preparing the same. More particularly, the
neuroprotective composition of the invention comprises a mixture of pyruvate,
antioxidant, and lipid(s) such as fatty acids. The neuroprotective composition
could be used for the treatment of brain trauma, brain or cerebrovascular
ischemia, neurodegenerative diseases, poisoning of neuronal cells, the
10 diminution of drugs side effects and for preservation of neuronal grafts.